

FIG. 1

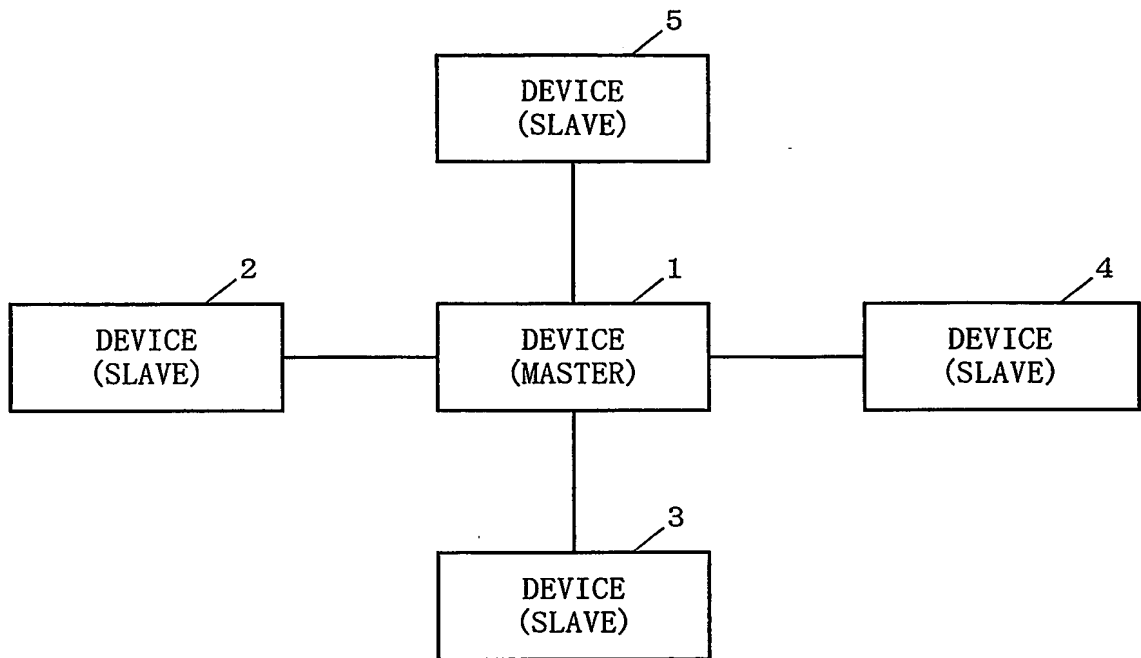


FIG. 2

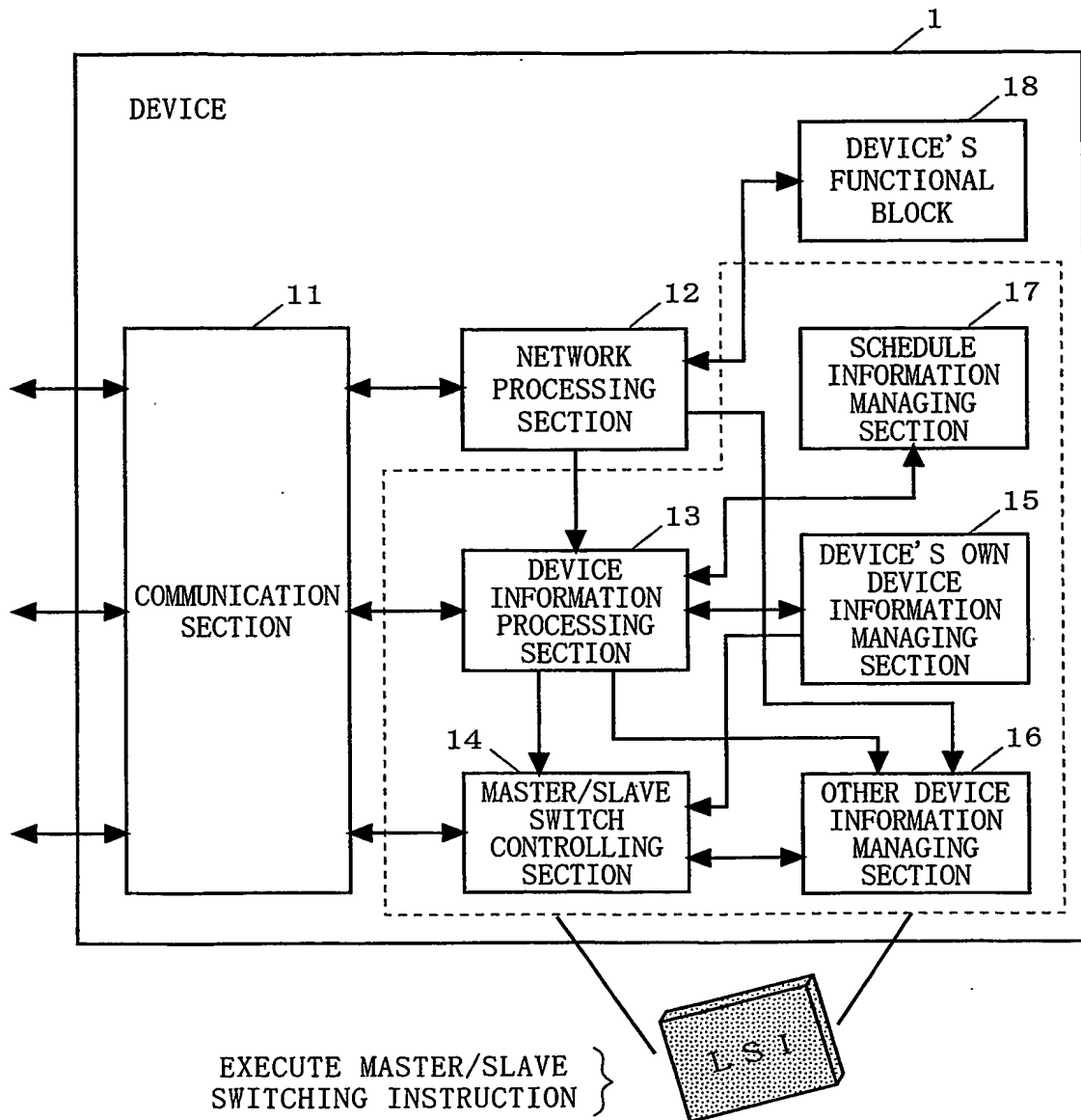


FIG. 3A

TIME ZONE	MASTER DEVICE CANDIDATES
0 : 0 0 ~ 7 : 0 0	DEVICE 1、DEVICE 2
7 : 0 0 ~ 1 1 : 0 0	ALL DEVICES
1 1 : 0 0 ~ 1 4 : 0 0	DEVICE 3、DEVICE 5
1 4 : 0 0 ~ 1 9 : 3 0	DEVICE 1、DEVICE 2、DEVICE 4
1 9 : 3 0 ~ 2 4 : 0 0	DEVICE 2、DEVICE 3、DEVICE 5

FIG. 3B

MONTH/DATE	MASTER DEVICE CANDIDATES
2 / 1 ~ 3 / 3 1	DEVICE 1、DEVICE 2
4 / 1 ~ 6 / 2 0	DEVICE 2、DEVICE 3
6 / 2 1 ~ 9 / 1 5	DEVICE 3、DEVICE 4、DEVICE 5
9 / 1 6 ~ 1 1 / 3 0	DEVICE 3、DEVICE 4
1 2 / 1 ~ 1 / 3 1	DEVICE 1、DEVICE 2、DEVICE 3

FIG. 4

DEVICE ID	CPU POWER	MASTER FUNCTION	OTHERS	POWER SUPPLY TYPE	REMAINING AMOUNT OF BATTERY	DEVICE STATE
80451234	Penron 500MHz	YES	2003/4/1 @200000 ...	LITHIUM BATTERY	70%	20ms 5mW ...

FIG. 5

DEVICE ID	OPERATION MODE	MASTER FUNCTION	REMAINING AMOUNT OF BATTERY
804512AB	NORMAL	YES	20%
80451256	NORMAL	YES	60%
804512CD	NORMAL	NO	100%
80451123	POWER SAVING	YES	100%

FIG. 6

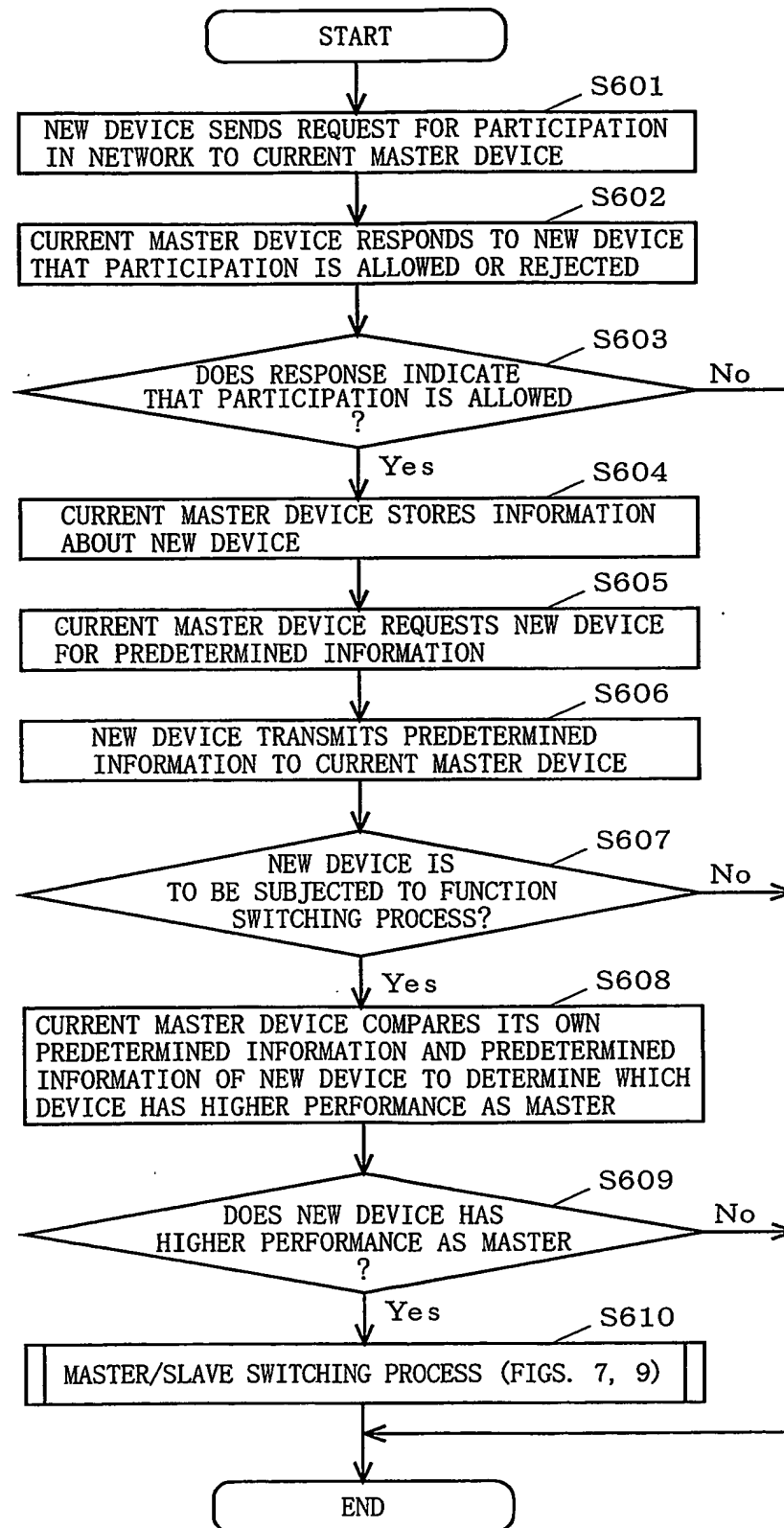


FIG. 7

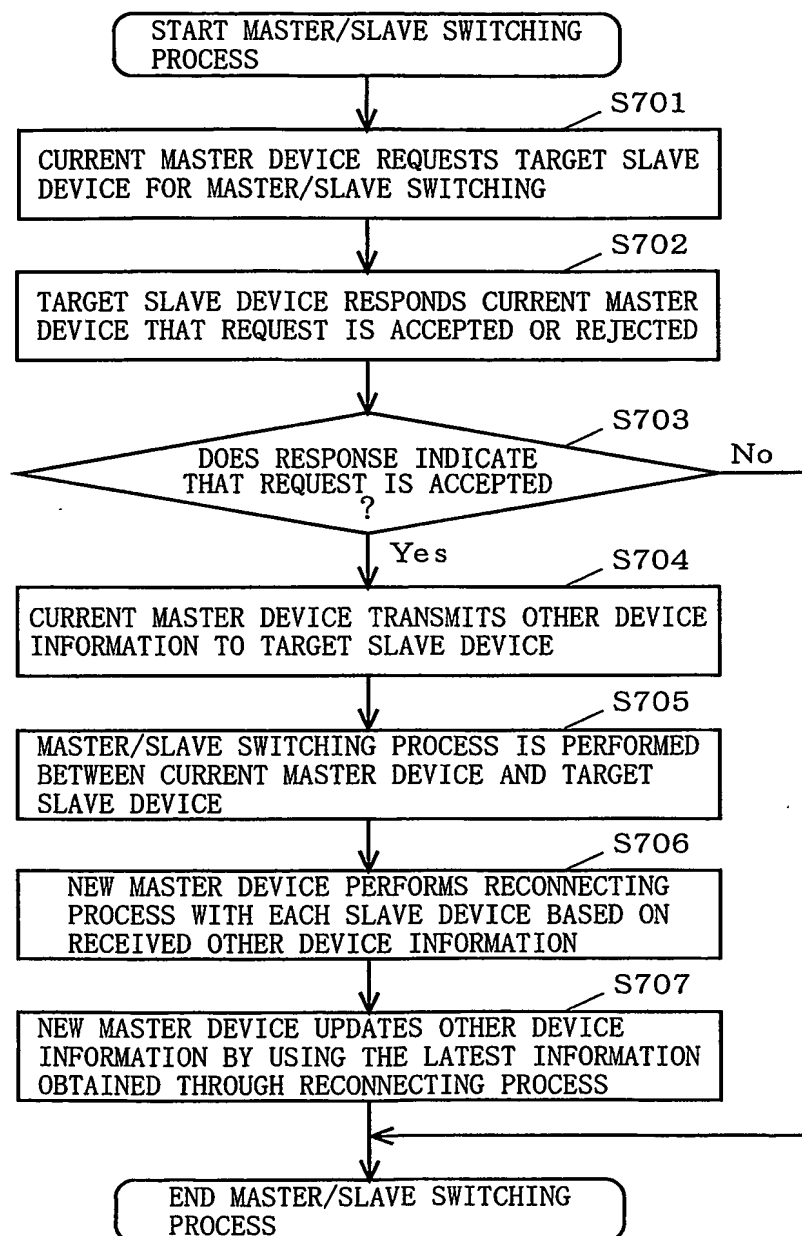


FIG. 8

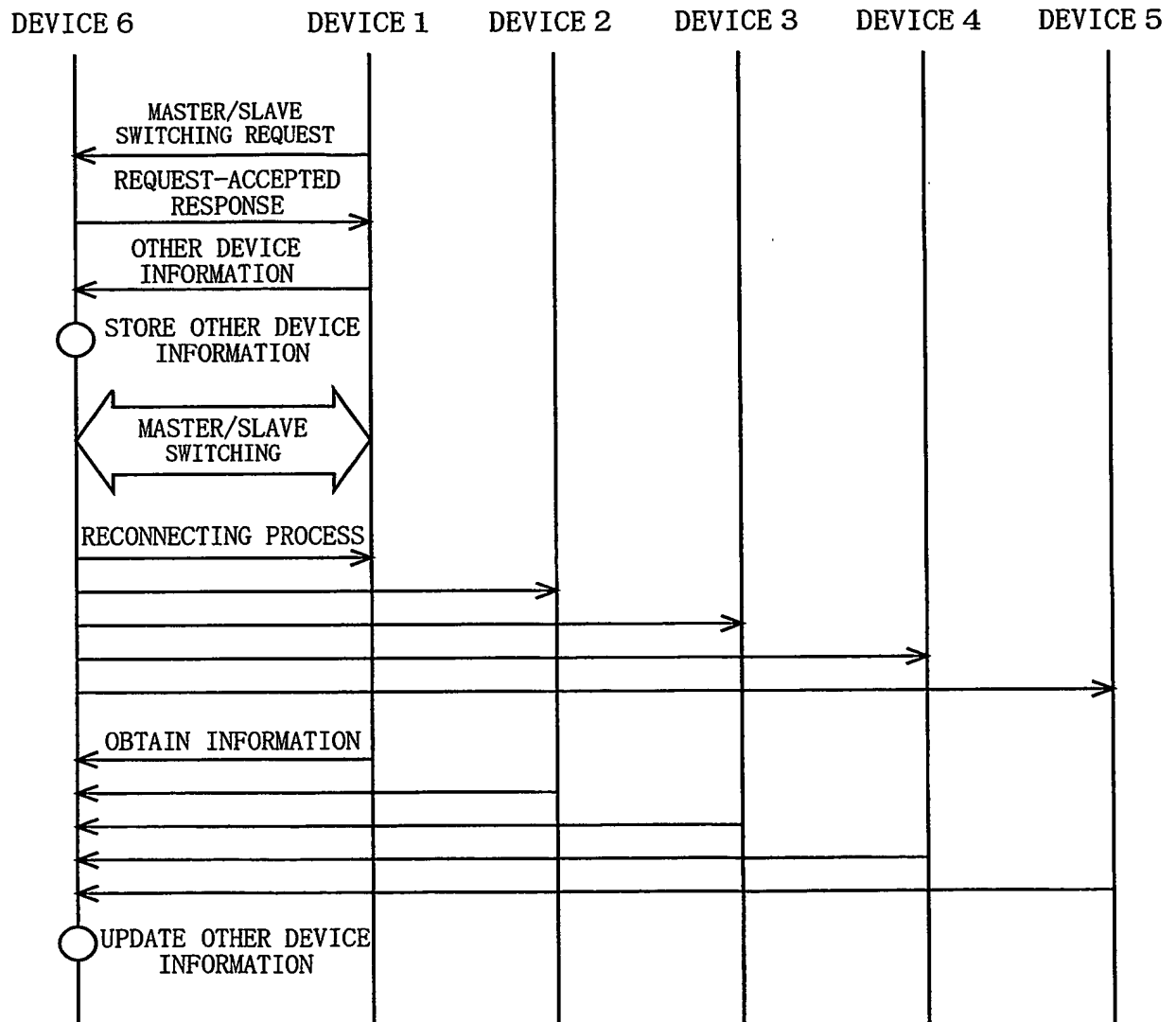
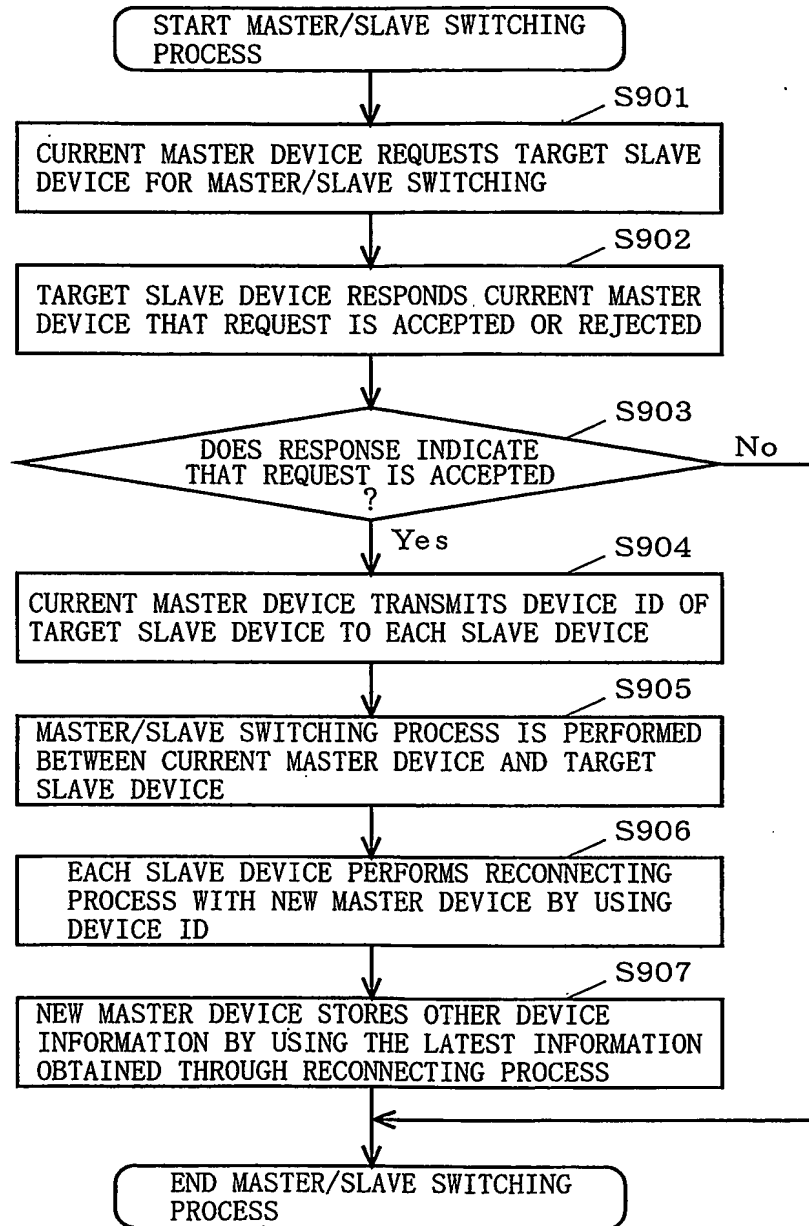


FIG. 9




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sequenceDiagram
    participant D6 as DEVICE 6
    participant D1 as DEVICE 1
    participant D2 as DEVICE 2
    participant D3 as DEVICE 3
    participant D4 as DEVICE 4
    participant D5 as DEVICE 5

    D6->>D1: MASTER/SLAVE SWITCHING REQUEST
    D1-->>D6: REQUEST-ACCEPTED RESPONSE
    D1->>D2: DEVICE ID
    D1->>D3: 
    D1->>D4: 
    D1->>D5: 
    D6<--><-->D1: MASTER/SLAVE SWITCHING
    D6->>D1: RECONNECTING PROCESS
    D1->>D6: 
    D1->>D6: 
    D1->>D6: 
    D1->>D6: 
    D1->>D6: 
    D6->>D1: OBTAIN INFORMATION
    D1->>D6: 
    D1->>D6: 
    D1->>D6: 
    D1->>D6: 
    D6->>D6: STORE OTHER DEVICE INFORMATION
    
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FIG. 11

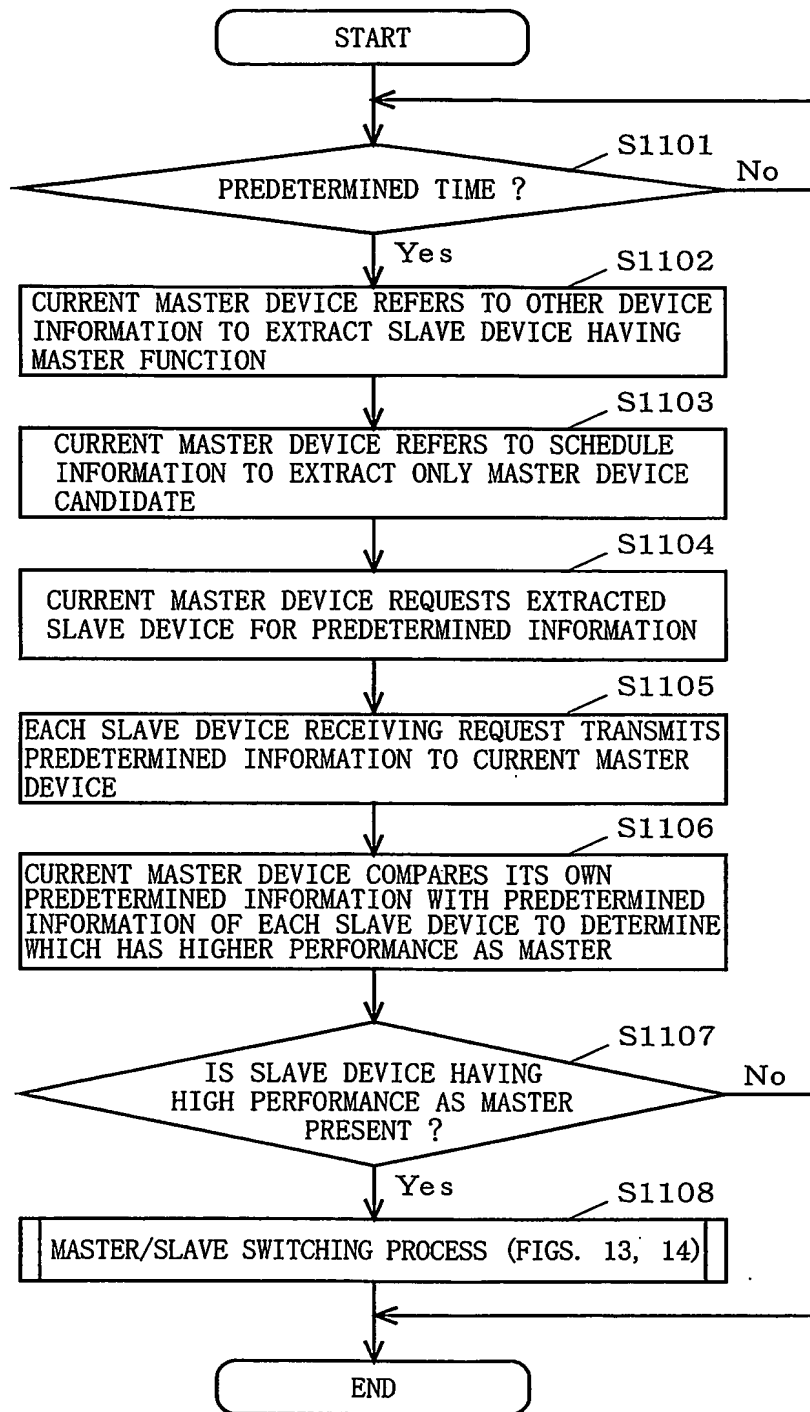


FIG. 12A

	MASTER FUNCTION	REMAINING AMOUNT OF BATTERY
DEVICE 1	YES	50%
DEVICE 2	YES	80%
DEVICE 3	YES	60%
DEVICE 4	NO	70%

FIG. 12B

	MASTER FUNCTION	REMAINING AMOUNT OF BATTERY	POWER SUPPLY TYPE
DEVICE 1	YES	50%+10	ALKALINE BATTERY
DEVICE 2	YES	80%+0	MANGANESE BATTERY
DEVICE 3	YES	60%+30	LITHIUM BATTERY
DEVICE 4	NO	70%+10	ALKALINE BATTERY

FIG. 13

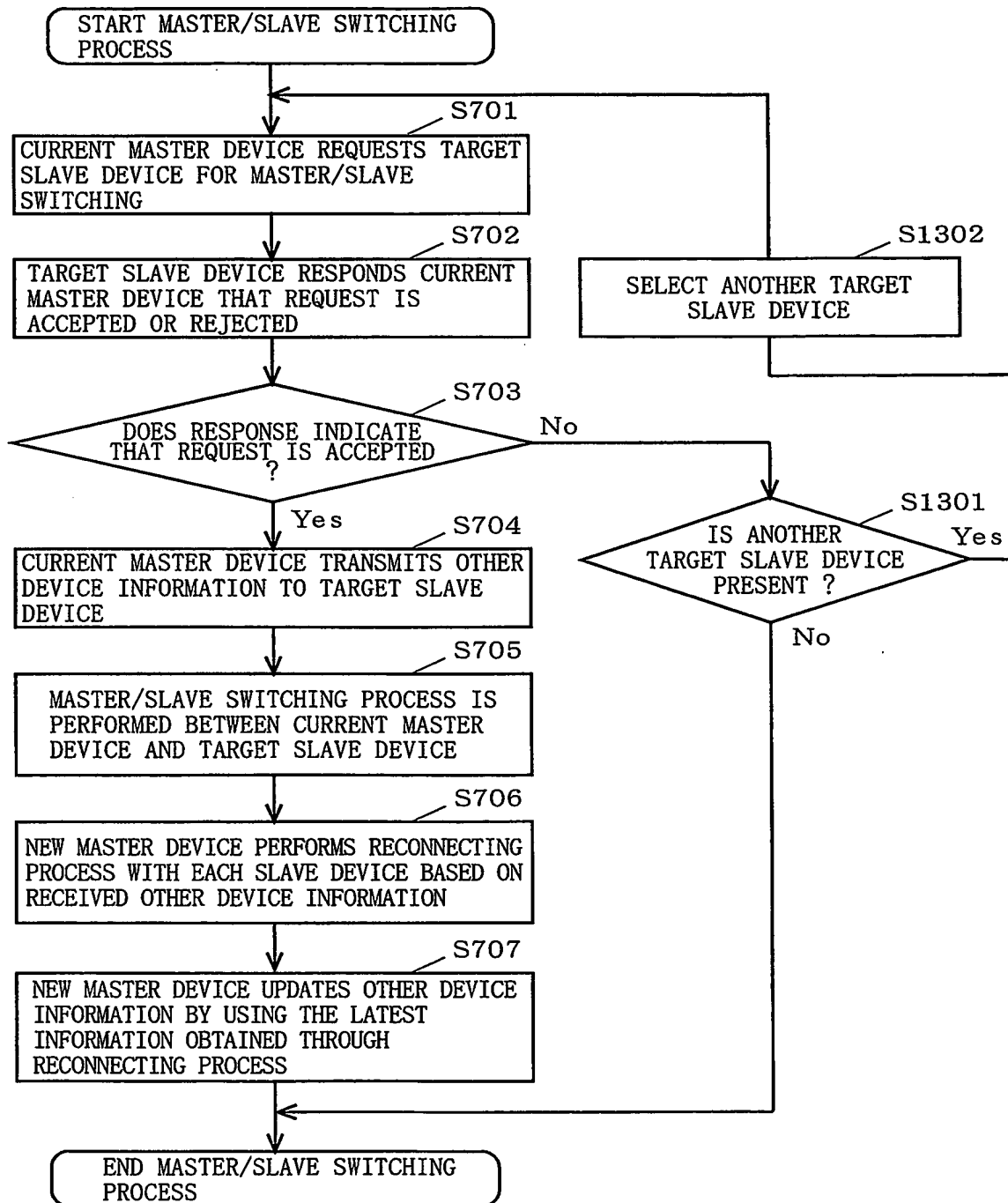


FIG. 14

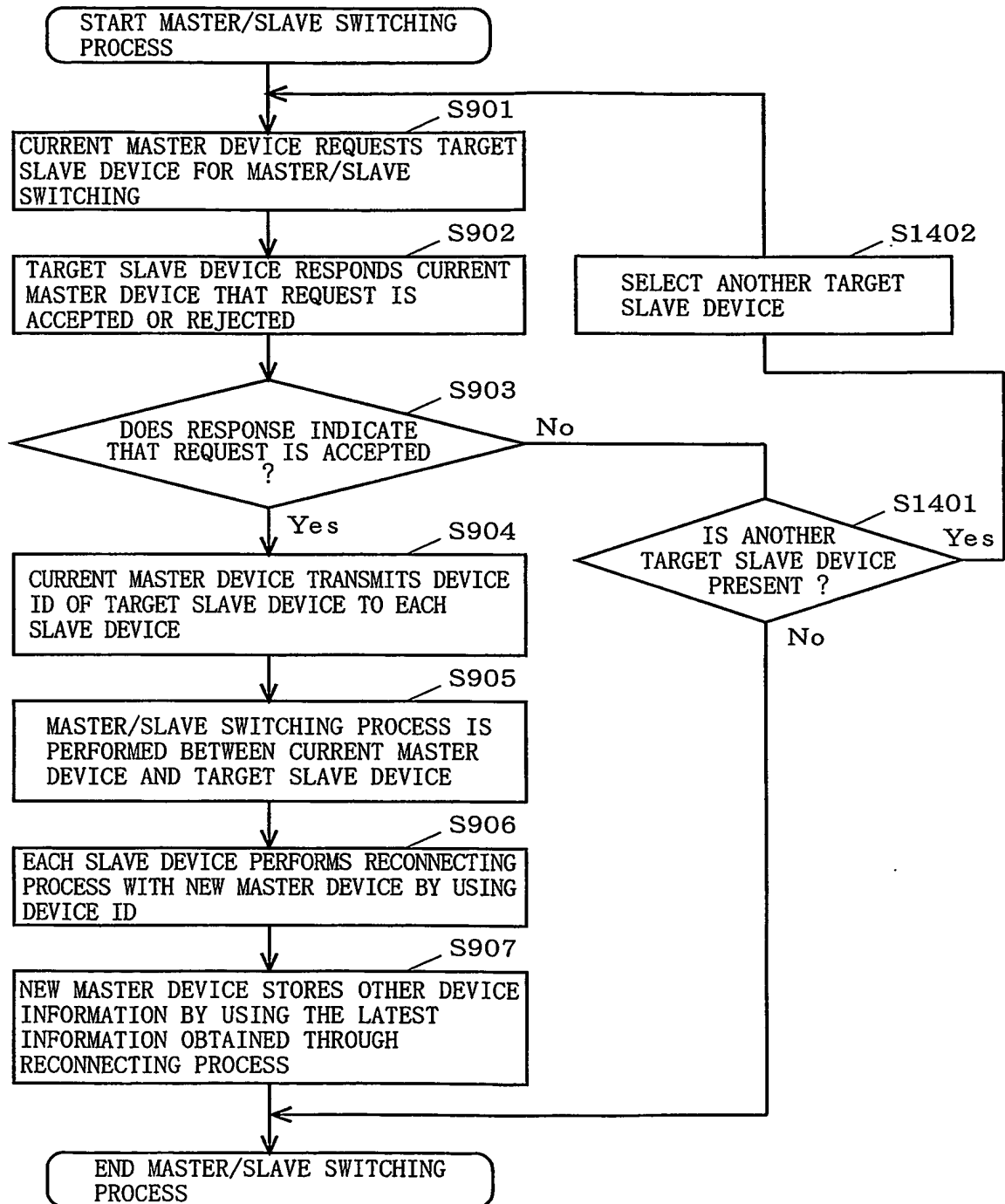


FIG. 15A

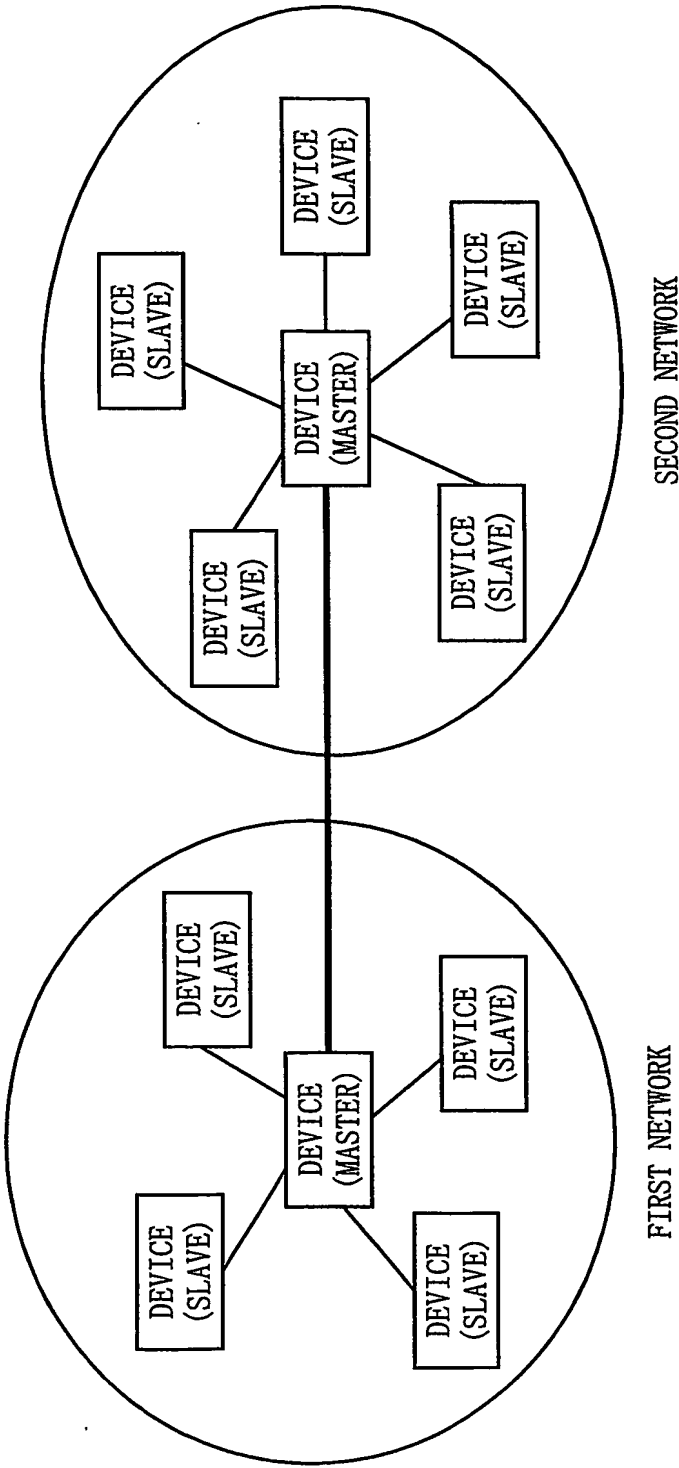


FIG. 15B

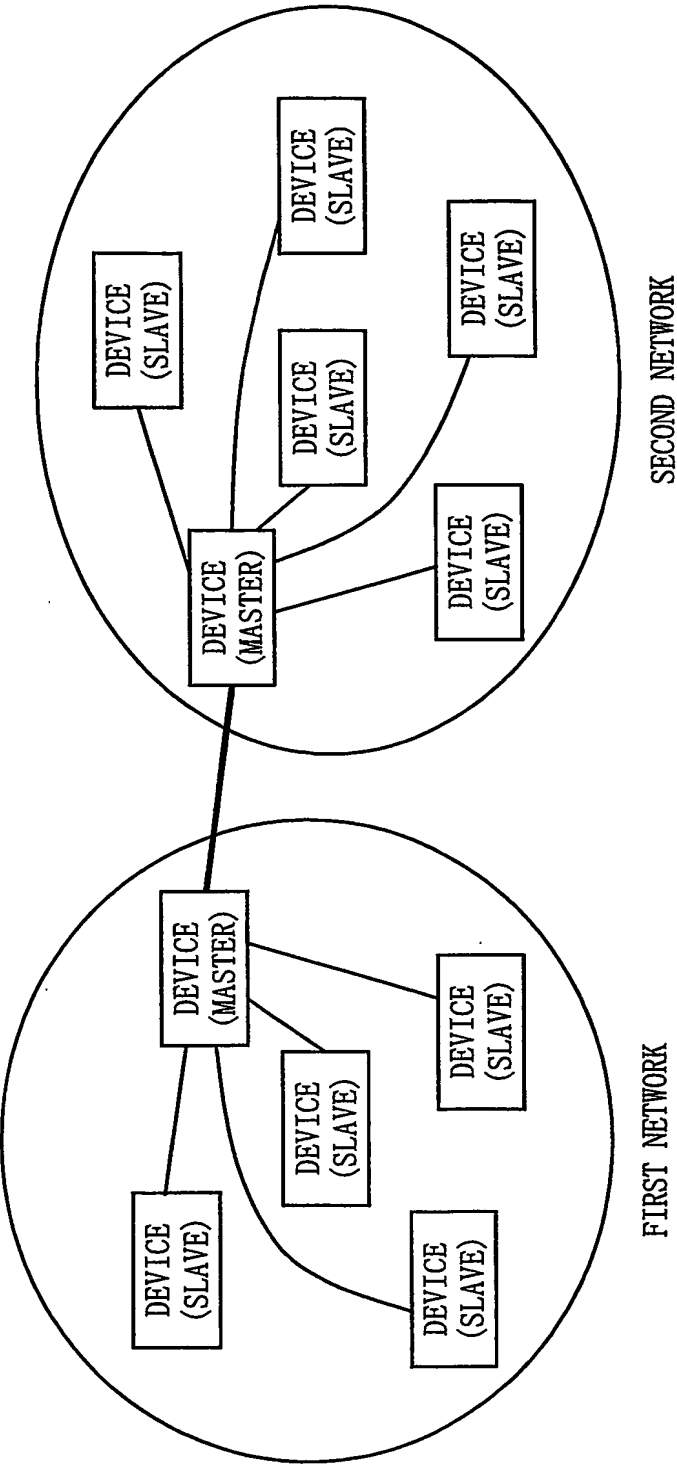


FIG. 16

